Index of Claims

10/743,809

Examiner

Rosemary E. Ashton

Applicant(s)/Patent under Reexamination

YONEDA ET AL.

Art Unit

1752

| <b>√</b> | Rejected |
|----------|----------|
| 1        | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   |                                |

Restricted

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla             | aim      | Date          |          |          |                |              |          |               |          | Č        | Date     |          |              |          |          |                    |               | ] [          | Cli     | aim     | Date |       |            |                 |                 |          |          |           |          |          |          |           |
|-----------------|----------|---------------|----------|----------|----------------|--------------|----------|---------------|----------|----------|----------|----------|--------------|----------|----------|--------------------|---------------|--------------|---------|---------|------|-------|------------|-----------------|-----------------|----------|----------|-----------|----------|----------|----------|-----------|
| Final           | Original | 4<br>24<br>06 | \<br>\_  |          |                |              |          |               |          |          | Final    | Original | ,            |          |          |                    |               |              |         |         |      | Final | Original   |                 |                 |          |          |           |          |          |          |           |
|                 | 1        | V             |          |          |                |              |          |               |          |          |          | 51       |              |          |          |                    |               |              |         |         |      |       | 101        |                 |                 |          |          |           |          |          |          |           |
|                 | 2        | V             |          |          |                |              |          |               |          |          |          | 52       |              |          |          |                    |               |              | Τ       |         |      |       | 102        |                 |                 |          |          |           |          | T        |          |           |
|                 | 3        | 0             |          |          |                |              |          |               |          |          |          | 53       |              |          |          |                    |               |              |         |         |      |       | 103        |                 |                 |          |          |           |          |          |          |           |
| <u></u>         | 4        | Ó             | Ш        |          | _              | 乚            |          | Ш             | Ш        | _        | Ш_       | 54       |              | ┸        | L        | Ш                  |               |              | ┸       |         |      |       | 104        |                 |                 | $\Box$   |          |           |          |          |          |           |
|                 | 5        | 0             | Ш        |          |                | _            |          |               | Ш        | _        |          | 55       |              |          |          | Ш                  |               | $\perp$      | $\perp$ |         |      |       | 105        |                 | Ш               | _        |          |           |          |          |          | _         |
|                 | 6        | Ö             | Ш        |          |                |              | <u> </u> | L             | Щ        | _        |          | 56       |              |          |          | Ш                  | $\rightarrow$ | $\perp$      | _       |         |      |       | 106        |                 | Ш               | _        |          |           |          | _        | _        | _         |
|                 | 7        | <u>0</u>      | Ш        |          |                | _            | _        | Щ             | Ш        | _        |          | 57       |              | _        | _        | Ш                  | $\dashv$      | _            | 4       |         | ļ ļ  |       | 107        |                 | Ш               | _        |          |           |          | 4        | 4        | _         |
|                 | 8        | Ŏ             | Н        |          | _              | -            | ⊢        |               |          | _        | <u> </u> | 58       |              | +        | -        | Ш                  | _             | _            | +       | +       |      |       | 108        | _               | $\vdash$        |          | $\dashv$ | -         |          | -        | 4        | ႕         |
| -               |          | Ø/            |          |          | H              | ⊢            | ⊢        |               | Н        |          |          | 59       |              | +        | ├-       |                    | $\dashv$      |              | +       | +       |      |       | 109        |                 | $\vdash$        | $\dashv$ | _        | -         | $\Box$   |          |          |           |
| <u> </u>        | 10       | N.            | Н        |          | H              |              | <u> </u> |               | Н        | $\dashv$ | -        | 60       |              | +        | -        | Н                  | $\dashv$      | +            | +       | +       |      |       | 110<br>111 |                 | $\vdash$        |          |          | -         | Н        | -        | ᅴ        |           |
|                 | 12       | N             | $\vdash$ |          | -              | ┝            | -        | -             | Н        | -        |          | 62       |              | +        | -        | Н                  |               | +            | +       | +       |      |       | 112        | ┝               | $\vdash$        | $\dashv$ | $\dashv$ |           | $\dashv$ | $\dashv$ |          |           |
| $\vdash$        |          | N             | -        | _        | $\vdash$       | $\vdash$     | -        | $\vdash$      | Н        | $\dashv$ |          | 63       |              | +-       | $\vdash$ | Н                  | $\dashv$      | +            | +-      | +-      |      |       | 113        | $\vdash$        | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ |          | $\dashv$ | ᅱ         |
| -               |          | 0             | $\vdash$ |          | $\vdash$       | <del> </del> | $\vdash$ | $\vdash$      | $\vdash$ | $\dashv$ | _        | 64       |              | +        | +-       | $\vdash$           | $\dashv$      | +            | +       | +       |      |       | 114        | $\vdash$        | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ | +        | $\dashv$ | ᅱ         |
|                 |          | ŏ             |          |          | $\vdash$       | H            | $\vdash$ | $\vdash$      | $\vdash$ | $\dashv$ |          | 65       |              | +        | ┼        | $\vdash$           | $\dashv$      | $\dashv$     | +       | +       | 1    |       | 115        |                 | $\vdash$        | 1        | $\dashv$ | $\exists$ | $\dashv$ | $\dashv$ | $\dashv$ | 러         |
|                 |          | 0             |          |          |                | Н            | $\vdash$ |               |          | $\dashv$ |          | 66       |              | +-       | ╁        | Н                  | _             | $\dashv$     | +       | 1       |      |       | 116        |                 | $\vdash$        | 寸        | $\neg$   | $\dashv$  |          | $\dashv$ | 7        | ㅓ         |
|                 | 17       | ٥.            |          |          |                |              |          |               |          | $\neg$   |          | 67       |              | 1        |          |                    | _             |              |         |         | 1 1  |       | 117        |                 | $\Box$          | 1        |          |           |          | T        | T        | $\exists$ |
|                 | 18       | N.            |          |          |                |              |          |               |          |          |          | 68       |              | $\top$   | T        | П                  |               | 7            |         |         | 1 1  |       | 118        |                 | П               | T        | T        | ヿ         |          |          | ╗        | ᆿ         |
|                 | 19       | N,            |          |          |                |              |          |               |          |          |          | 69       |              | 1        | 1        | П                  |               |              | 1       |         | 1    |       | 119        |                 |                 |          |          | T         |          |          | $\neg$   |           |
|                 |          | Μ             |          |          |                |              |          |               |          |          |          | 70       |              |          |          |                    |               |              |         |         | j i  |       | 120        |                 |                 |          |          |           |          |          |          |           |
|                 | 21       | N             |          |          |                |              |          |               |          |          |          | 71       |              |          |          |                    |               |              |         |         |      |       | 121        |                 |                 |          |          |           |          |          |          |           |
|                 | 22       |               |          |          |                |              |          | Ш             |          | _        |          | 72       |              |          | <u></u>  | Ш                  |               |              | $\perp$ |         | i l  |       | 122        |                 |                 |          |          |           |          |          |          |           |
|                 | 23       |               |          |          |                |              | <u> </u> |               | Щ        | _        |          | 73       |              | <u> </u> | <u> </u> |                    | _             | $\perp$      | $\perp$ |         |      |       | 123        |                 |                 |          |          |           | $\Box$   |          |          |           |
| <u> </u>        | 24       |               |          |          |                | _            | L        | Щ             | $\sqcup$ | 4        | <u> </u> | 74       |              | _        | <u> </u> |                    | 4             | _            | $\bot$  | 1       |      |       | 124        |                 |                 | _        | _        |           |          |          |          |           |
|                 | 25       | $\vdash$      | $\dashv$ |          | _              | _            |          |               | $\dashv$ | _        |          | 75       |              | +-       | ļ        | Ш                  | 4             | -            | - -     | 4       |      |       | 125        |                 | 4               | -        |          |           |          |          |          | _         |
|                 | 26<br>27 | $\vdash$      | $\vdash$ |          | _              |              | -        |               | $\dashv$ | $\dashv$ | -        | 76       |              | +        | ⊢        | Н                  | $\dashv$      | -            | - -     | 4-4     |      |       | 126<br>127 |                 | L-l             |          |          |           |          |          |          |           |
|                 | 28       |               | _        |          |                | -            | -        | -             | $\dashv$ | $\dashv$ |          | 78       |              | +        | -        | $\left  - \right $ |               |              | +       | +       |      |       | 128        | $\vdash$        | $\vdash$        | $\dashv$ | $\dashv$ | -         |          | -        |          | _         |
|                 | 29       | -             |          |          | -              | -            | -        | Н             | $\dashv$ | $\dashv$ |          | 79       |              | ┿        | ╁        | H                  | $\dashv$      | +            | ╫       |         |      |       | 129        |                 | -               | -        |          |           | -        | $\dashv$ | $\dashv$ | $\dashv$  |
| $\vdash$        | 30       | H             |          |          | -              | _            | $\vdash$ | Н             | $\dashv$ | $\dashv$ |          | 80       |              | +        | ╁        | $\vdash$           | $\dashv$      | +            | +-      | +       |      |       | 130        |                 | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$  | -        | $\dashv$ | $\dashv$ | $\dashv$  |
| $\vdash$        | 31       |               |          |          |                |              |          | Н             |          | $\neg$   |          | 81       | ╅            | +        | H        | $\vdash$           | $\dashv$      | ╅            | ╁       |         | 1    |       | 131        |                 | $\vdash$        | ┪        | $\dashv$ | $\dashv$  |          | 7        | 1        | -         |
|                 | 32       |               |          |          |                | $\vdash$     |          |               |          |          |          | 82       | $\top$       | $\top$   | $\vdash$ | Н                  | 寸             | 十            | 十       | $\top$  |      |       | 132        |                 | $\top$          | 寸        | $\neg$   | _         |          | 7        | $\dashv$ |           |
|                 | 33       |               |          | -        |                |              |          | П             |          |          |          | 83       |              | 1        | T        | Ħ                  | $\exists$     | 7            | ┪       | $\top$  |      |       | 133        |                 |                 | 7        | $\dashv$ |           |          |          | $\dashv$ | _         |
|                 | 34       |               |          |          |                |              |          |               |          |          |          | 84       |              |          |          |                    |               |              | T       |         |      |       | 134        |                 |                 | 寸        | 一        |           |          | T        | $\neg$   | $\neg$    |
|                 | 35       |               |          |          |                |              |          |               |          |          |          | 85       |              |          |          |                    |               |              |         |         |      |       | 135        |                 |                 |          |          |           |          |          |          |           |
|                 | 36       |               |          |          |                |              |          |               |          |          |          | 86       |              |          |          |                    | $\Box$        |              |         |         |      |       | 136        |                 |                 |          |          |           |          |          |          |           |
|                 | 37       |               |          |          |                |              |          | Ш             |          | _        |          | 87       | ┸            |          |          |                    |               |              | L       | $\perp$ |      |       | 137        |                 |                 |          |          |           |          |          |          |           |
|                 | 38       |               | _        | _        |                |              |          | Щ             | $\Box$   | _        |          | 88       |              |          |          |                    | _             | 4            | _       | $\bot$  |      |       | 138        |                 |                 | _        | _        | _         | $\Box$   | _        | $\dashv$ |           |
| $oxed{oxed}$    | 39       | Ш             | $\dashv$ | _        |                |              | <u> </u> | $\sqsubseteq$ | $\sqcup$ | _        | <u> </u> | 89       | <del>-</del> | _        | <b>L</b> | $\sqcup$           | $\dashv$      | $\perp$      | 4       | $\perp$ |      |       | 139        | Ш               | $\sqcup$        | _        | _        | _         | _        | _        | 4        |           |
|                 | 40       | Н             |          | _        |                | Ш            |          | Ш             | $\vdash$ |          |          | 90       | +-           | +        | $\vdash$ | $\vdash \vdash$    | $\dashv$      | +            | +       | +       |      |       | 140        | $\vdash \vdash$ | $\vdash \vdash$ | 4        | _        | 4         | _        |          | 4        | _         |
| <u> </u>        | 41       | $\vdash$      | $\dashv$ | $\dashv$ | -              | Н            | -        | $\vdash$      | -        |          | $\vdash$ | 91<br>92 | +-           | +        | ⊢        | $\vdash \vdash$    | $\dashv$      | +            | +       | +       |      |       | 141<br>142 |                 | $\vdash \vdash$ | -        | -        | $\dashv$  | -        | -        | 4        | $\dashv$  |
| $\vdash \dashv$ | 43       | $\vdash$      | $\dashv$ | -        |                | -            | $\vdash$ |               | -        | $\dashv$ |          | 93       |              | +        | $\vdash$ | $\vdash \vdash$    | $\dashv$      | +            | +       | +       |      |       | 143        |                 | +               | +        | -        | -         | $\dashv$ | $\dashv$ | -        | $\dashv$  |
| $\vdash$        | 44       | $\vdash$      | $\dashv$ | -        | $\dashv$       | $\vdash$     | $\vdash$ |               | $\dashv$ | -        | -        | 94       | ╁            | +        | $\vdash$ | $\vdash$           | $\dashv$      | +            | +       | +       | }    | -     | 144        |                 | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  |
| $\vdash$        | 45       | -             | $\dashv$ | $\dashv$ |                | $\vdash$     |          | $\vdash$      | $\dashv$ | $\dashv$ |          | 95       |              | +-       | $\vdash$ | $\vdash$           | +             | +            | ╁       | +       |      |       | 145        |                 | $\dashv$        | +        | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  |
| $\vdash$        | 46       | $\vdash$      | +        | $\dashv$ | $\dashv$       | $\dashv$     | $\vdash$ |               | $\neg$   | $\dashv$ |          | 96       | +            | +        | $\vdash$ | Н                  | $\dashv$      | +            | +       | +       |      |       | 146        |                 | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$  | -        | $\dashv$ | $\dashv$ | ᅱ         |
|                 | 47       | $\Box$        | 7        | $\neg$   | $\neg \dagger$ | $\vdash$     | П        | $\dashv$      | $\dashv$ | $\dashv$ |          | 97       | $\top$       | $\top$   | П        | $\dashv$           | $\dashv$      | $\top$       | $\pm$   | $\top$  |      |       | 147        |                 | 十               | $\dashv$ | $\dashv$ | $\dashv$  | -        | $\dashv$ | ┪        | ㅓ         |
|                 | 48       |               |          | $\neg$   |                |              |          | H             |          | $\neg$   |          | 98       | T            | $\top$   | П        |                    | 寸             | $\top$       | $\top$  | $\top$  |      |       | 148        |                 | $\Box$          | 7        | 7        | $\dashv$  | 寸        | 7        | 7        | ᅥ         |
|                 | 49       |               | J        |          |                |              |          |               |          |          |          | 99       | Ī            |          |          |                    |               |              | $\perp$ |         |      |       | 149        |                 |                 | Ţ        |          |           | 丁        |          | J        |           |
|                 | 50       |               |          |          | $\Box$         |              |          |               |          |          |          | 100      |              |          |          |                    | $\Box$        | $oxed{\Box}$ |         |         |      | ]     | 150        |                 |                 | $\Box$   |          | $\Box$    |          |          |          |           |
|                 |          |               |          |          |                |              |          |               |          |          |          |          |              | _        |          |                    |               |              |         |         |      |       |            |                 |                 |          | _        | _         |          |          |          |           |